



CONSTRUCTION EQUIPMENT

25416 VOLVO ECR88D 217512 - REAR RIGHT FINAL DRIVE



Sample No: VCP454352
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 25416



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-------------|-----|-----|
| Sample Number | VCP454352 | VCP363505 | --- | --- |
| Sample Date | 18 Apr 2024 | 11 Oct 2022 | --- | --- |
| Machine Hours | 1979 | 620 | --- | --- |
| Oil Hours | 500 | 250 | --- | --- |
| Oil Changed | Not Chngd | Changed | --- | --- |
| Sample Status | NORMAL | ATTENTION | --- | --- |

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OIL CONDITION

| | | | | | |
|-------------|-----|------|-----|-----|-----|
| Visc @ 40°C | cSt | 58.7 | 155 | --- | --- |
|-------------|-----|------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Water | % | NEG | NEG | --- | --- |
| Silicon | ppm | 9 | 11 | --- | --- |
| Sodium | ppm | <1 | 2 | --- | --- |
| Potassium | ppm | 2 | 4 | --- | --- |

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

| | | | | | |
|------------|-----|-----|-----|-----|-----|
| Iron | ppm | 221 | 407 | --- | --- |
| Copper | ppm | 2 | 1 | --- | --- |
| Lead | ppm | <1 | 0 | --- | --- |
| Tin | ppm | <1 | 0 | --- | --- |
| Aluminum | ppm | 2 | 4 | --- | --- |
| Chromium | ppm | 4 | 8 | --- | --- |
| Molybdenum | ppm | 2 | 2 | --- | --- |
| Nickel | ppm | <1 | 0 | --- | --- |
| Titanium | ppm | <1 | <1 | --- | --- |
| Silver | ppm | 0 | 0 | --- | --- |
| Manganese | ppm | 2 | 4 | --- | --- |
| Vanadium | ppm | 0 | <1 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Calcium | ppm | 146 | 12 | --- | --- |
| Magnesium | ppm | 10 | 1 | --- | --- |
| Zinc | ppm | 162 | 38 | --- | --- |
| Phosphorus | ppm | 1766 | 305 | --- | --- |
| Barium | ppm | 1 | 5 | --- | --- |
| Boron | ppm | 56 | 0 | --- | --- |

Depot: OLTNOR
Unique No: 10993498
Signed: Wes Davis
Report Date: 24 Apr 2024



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GRAPHS

